Extron Electronics
INTERFACING, SWITCHING AND CONTROL

IMPORTANT:
Go to www.extron.com for the complete user guide and installation instructions before connecting the product to the power source.

MTP DA4 and DA8 • Setup Guide

This guide provides basic instructions for an experienced installer to set up and operate the Extron MTP DA distribution amplifier.

Pre-installation — Jumpers

See figure **1** at the right or see "Termination and Mute Jumpering" in the *MTP DA4 and DA8 User Guide* for more information.

NOTE: The jumpers have no effect when the DA is part of an MTP CV/SV series, or VTT001/VTR001 system.

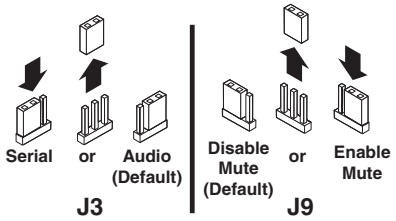


Figure 1. Jumpers

Jumper J3

This sets the DA to properly terminate RGB video as well as the audio (default) or serial portion of the input signal.

Jumper J9

This sets the DA to always pass the audio or serial link regardless of the contact closure mute status (default). It can also be set to mute the audio or serial link when its video mute function is activated.

Installation

Step 1 — Mounting

Turn off or disconnect all equipment power sources and mount the MTP DA as required. A mounting example is at the right (see figure **2**). See "Mounting" in the user guide for more mounting options.

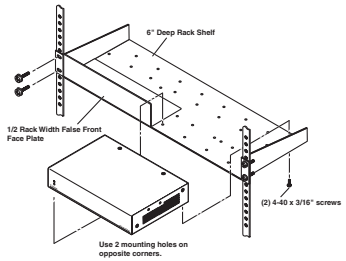


Figure 2. 6-inch Deep Rack Shelf Mount

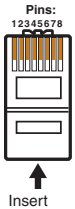
Step 2 — Input from the Transmitter

Terminate a TP cable as shown in figure **3**. Connect the cable into a MTP transmitter and into the AV input connector.

Step 3 — Outputs to the Receivers

Terminate up to four or eight (depending on model) TP cables as shown in figure **3**. Connect the cables into the DA AV output ports and into receivers that are **compatible with the transmitter**.

NOTES:
- The inputs and outputs should be terminated using the same standard on both ends of the cable.
- Only use the TIA/EIA T568A standard when using Enhanced Skew-Free™ AV cable.



Pin	T568 A Wire Color	T568 B Wire Color
1	White-green	White-orange
2	Green	Orange
3	White-orange	White-green
4	Blue	Blue
5	White-blue	White-blue
6	Orange	Green
7	White-brown	White-brown
8	Brown	Brown

Figure 3. TP Cable Termination

Step 4 — Power

Wire the 2-pole captive screw connector for the external 12 VDC power supply as shown in figure **4**. Plug it into the DA.

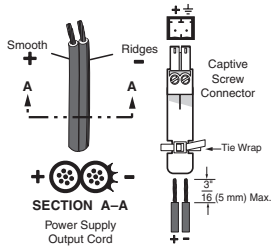
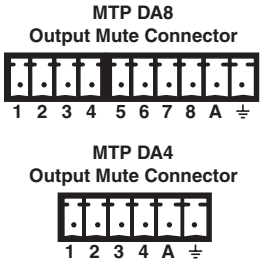


Figure 4. Power Connection Wiring

Operation — Mutes

To mute an output, tie the Output Mute pin to the ground (⏚). To mute all outputs, tie the A pin to the ground (see figure **5** for more information).



Pin	Contact Closure	Function
1	Out #1	Mute output #1
2	Out #2	Mute output #2
3	Out #3	Mute output #3
4	Out #4	Mute output #4
5	Out #5	Mute output #5
6	Out #6	Mute output #6
7	Out #7	Mute output #7
8	Out #8	Mute output #8
A	Out All	Mute all output
⏚	Gnd	Ground

Figure 5. Mute Connector and Pinout

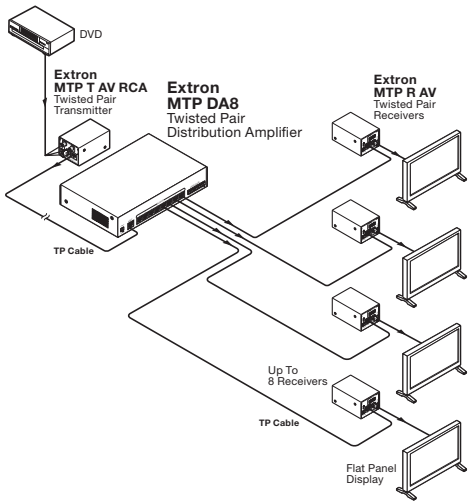


Figure 6. Example of a Typical MTP DA8 Application

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